Risk Factors: Donated or Received Blood or Tissue

I. Screen Prototype at Initial Load (Show treeview and right frame)

Revised 2/22/2008 10:44 AM

Risk Factors: Donated or Received Blood or Tissue

II. Update Screen – Donated selected

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Revised 2/22/2008 10:44 AM

2

Risk Factors: Donated or Received Blood or Tissue

III. Update Screen – Received Selected

After information has been entered into the entry fields
a. When click a Clear link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.
b. When click an Add to List link, validate the entry fields in that section and their combinations.
- If passes validation,
    1. Add those items to the grid in a new row that has a Remove link sorted the same as prior to clicking the link and
    2. Clear out the entry fields in that section and
    3. Clear out error messages in that section.
- If fails validation, display the error messages above the entry fields in that section.
c. When click a Remove link, display the following popup.

- If click, OK,

C:_Sandboxes\Surveillance\webSURV\webSURV\Design\PERSON_11_ Risk Factors1_ Donated or Received.doc
Revised 2/22/2008 10:44 AM

3
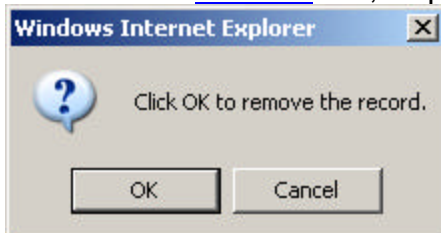
Risk Factors: Donated or Received Blood or Tissue

1. Remove the row from the grid display and if it was the only row, display "No items" as displayed in the screen shot above and
2. Clear out the entry fields in that section and
3. Clear out error messages in that section.

- If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.

IV. Click Edit in the Grid – The entry fields are populated.

a. When click an Edit link to edit a record
- Clear out error messages in that section
- Display the information for that row in the entry fields
- Hide its Add to List and Clear links
- Show its Replace and Cancel link instead in the row
- Hide the Edit and Remove links in that row
b. When click Replace link to replace a record, do the same as when click Add to List link, but if it passes validation then show its Add to List and Clear links and hide its Replace link.
c. When click Cancel link to cancel edit of a record, do the same as when click the Clear link. Then show its Add to List and Clear links and hide its Replace link.
d. When click a Remove link, display the following popup.

C:_Sandboxes\Surveillance\webSURV\webSURV\Design\PERSON_11_ Risk Factors1_ Donated or Received.doc
Revised 2/22/2008 10:44 AM

4

Risk Factors: Donated or Received Blood or Tissue
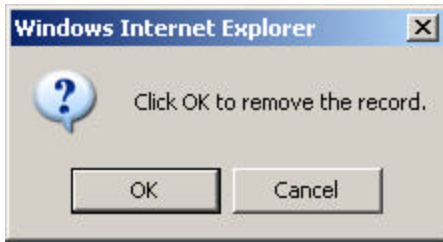
- If click, OK,
  1. Remove the row from the grid display and if it was the only row, display "No items" as displayed in the screen shot above and
  2. Clear out the entry fields in that section and
  3. Clear out error messages in that section.
- If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.

V. Validate the following:
   a. The page displays as per web standards
   b. Display on Grids
- o **Before Save** of Record – Display
  - Remove
  - Edit
- o **After Save** of Record – Display
  - Update and QA Role – No link
  - Admin Role – Remove and Edit

   c. Drop down lists are loaded correctly:
- **Donated / Received (D / R)** (SURVWEB_LOOKUP_VALUE table, LIST_NAME: DONATED RECEIVED)
- **Blood or Tissue Type** (SURVWEB_LOOKUP_VALUE table, LIST_NAME: BLOOD/TISSUE TYPE)

   d. Display lists as follows:
- **Date, D/R, Blood or Tissue Type, Entry Date, Entered By**

   e. Sort list as follows:
- **Date Descending**

   f. Text Boxes - (List test variables)
- o All text boxes transform text to uppercase on entry
- o Trim all spaces from the beginning and end of textbox text before checking it for errors and before storing it in the database

   g. When the user scrolls, save the position. When the screen reloads, use the latest scroll position to redisplay the screen in the same position as it was before the reload.

   h. Date Fields: (List Date Fields)
- o Display should include label, entry field, calendar icon, and format   [Label:
   (mmddyyyy)]
- o The calendar controls works correctly.
- o Display ●MMDDYYYY to the right of the Date field that is not a valid date (i.e. does not have a valid month day year combination) as soon as the user leaves the field. Earliest valid date is 01011800.
- o Date fields - listed above – 8 (must have day in this date so it must be exactly 8 digits)
- o When click the calendar icon and select a date, keep the cursor on the date field so the user can tab to the next field.

   i. No more than the maximum number of characters can be entered into the following fields:

Risk Factors: Donated or Received Blood or Tissue
- o Donating Site - 64
- j. The following error messages display in the order of the fields on the screen if applicable when the user clicks <u>Add to List</u> or the **Save** button:
  - o Donated / Received is required.
  - o Date is required.
  - o Date cannot be a future date.
  - o Date cannot be prior to the person's date of birth
  - o Blood or Tissue Type is required.
  - o Donating Site can only be entered when Donated
  - o The current combination of Donated/Received, Date and Donating Site or Receiving Organization is already in the list
  - o Donating Site must be alphanumeric, punctuation cannot be entered
  - o Receiving Organization can only be entered when Donated
  - o Healthcare Facility can only be entered when Received
  - o Information has been entered to add to a list, click Add to List or Clear the information
- k. For numeric fields (NA), use JavaScript to not allow entry of characters.
- l. Use JavaScript on select of Variable to enable or disable field labels and their respective data entry controls as follows:
  - o If 'D" is selected for DONATED / RECEIVED, enable (make visible) DONATING SITE and RECEIVING ORGANIZATION.
  - o If 'R' is selected for DONATED / RECEIVED, enable (make visible) HEALTHCARE FACILITY.

VI. Buttons & Links
- a. Error Messages - Validation to display messages to the user will not be performed on <u>Clear</u>, <u>Cancel</u> or on **Cancel**
- b. Waiting - When click a link that will bring up another page, display a popup with the pyramid image and a message such as of "Working, please wait..." as per standards.
- c. When click either the Receiving Organization or Healthcare Facility <u>Search</u> link, display the Organization Search screen in a popup (the search screen should appear in a window wide and tall enough that all its fields are visible). The search screen lists the TB providers.
  - • The Type dropdown will be filtered using SURVWEB_LOOKUP_VALUE table – LIST_NAME: PROVIDER_ORG_TYPE.
    - o FILTER_VALUE: 33, Description: PARTY DONATED RECEIVED ORGANIZATION
      - • HEALTH DEPARTMENT
      - • HOSPITAL
      - • LABORATORY
      - • PRIVATE PROVIDER
    - o FILTER_VALUE: 32, Description: PARTY DONATED / RECEIVED HEALTHCARE FACILITY
      - • HOSPITAL
      - • PRIVATE PROVIDER
  - • An organization should be selected by clicking on a name link. When a name is selected, close the Organization Search popup and display the organization's name and address in either the Receiving Organization or Healthcare Facility field as applicable.
  - • Also display the Receiving Organization or Healthcare Facility <u>Remove</u> link.

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Revised 2/22/2008 10:44 AM

6

Risk Factors: Donated or Received Blood or Tissue

- Closing the Organization Search screen without a selection should keep the cursor on the Receiving Organization or Healthcare Facility Search link without changing anything on the Donated or Received Blood or Tissue screen.

d. The Receiving Organization Remove link should display if the user has searched for and selected a Receiving Organization but has not yet added it to the list. Otherwise, the Receiving Organization Remove link should be hidden. When click the Receiving Organization Remove link, display the following popup. If the user clicks OK, clear the Receiving Organization data and hide the Receiving Organization Remove link. If the user clicks Cancel, then do not clear the Receiving Organization data or hide the link.
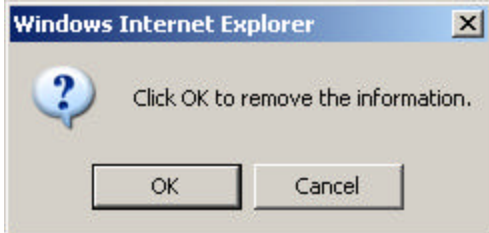

e. The Healthcare Facility Remove link should display if the user has searched for and selected a Healthcare Facility but has not yet added it to the list. Otherwise, the Healthcare Facility Remove link should be hidden. When click the Healthcare Facility Remove link, display the following popup. If the user clicks OK, clear the Healthcare Facility data and hide the Healthcare Facility Remove link. If the user clicks Cancel, then do not clear the Healthcare Facility data or hide the link.
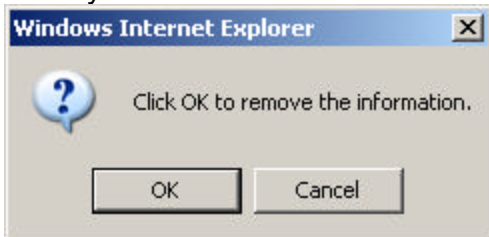
f. When click the **Save** button, check
  - If passes validations, save to database and display Data Saved screen
  - If fails validations, return error message directly above the Save button that states
    - Data has not been saved, see error messages above.
g. When click **Cancel** button, reload the screen.
h. When click a Clear link, 1) clear out the entry fields in that section and 2) clear out error messages in that section.
i. When click an Add to List link, validate the entry fields in that section and their combinations.
  - If passes validation,
    1. Add those items to the grid in a new row that has a Remove link sorted the same as prior to clicking the link and
    2. Clear out the entry fields in that section and
    3. Clear out error messages in that section.
  - If fails validation, display the error messages above the entry fields in that section.
j. When click an Edit link to edit a record
  - Clear out error messages in that section
  - Display the information for that row in the entry fields
  - Hide its Add to List and Clear links
  - Show its Replace and Cancel link instead in the row
  - Hide the Edit and Remove links in that row

Risk Factors: Donated or Received Blood or Tissue

    k. When click Replace link to replace a record, do the same as when click Add to List link, but if it passes validation then show its Add to List and Clear links and hide its Replace link.

    l. When click Cancel link to cancel edit of a record, do the same as when click the Clear link. Then show its Add to List and Clear links and hide its Replace link.

    m. When click a Remove link, display the following popup
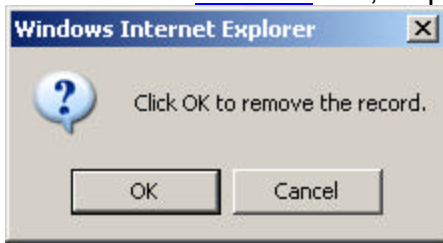
- If click, OK,
    1. Remove the row from the grid display and if it was the only row, display "No items" as displayed in the screen shot above and
    2. Clear out the entry fields in that section and
    3. Clear out error messages in that section.
- If click Cancel, then do not remove the row from the grid display and do not clear any entry fields or error messages.

    n. Sorting - When click a column header in a grid, check to see if the sort is currently on that column. If so, sort the list on that column ascending or descending (opposite of what it currently is). If not, sort the list on that column ascending. Dates sort include the month, day and year.

    o. Tab Order - The tab order should default as top to bottom left to right unless otherwise stated.

VII. Database routines – Screen Information

    a. Retrieval of the user's security to display the screen.

    b. Information will be stored in tables as shown below:

TABLE NAME: SURVWEB_PARTY_BLOOD_TISSUE

Table:	Field on Screen	Database column	
SURVWEB.SURVWEB_PARTY_BLOOD_TISSUE PK **SURVWEB_PARTY_BLOOD_TISSUE_ID** FK1 **SURVWEB_PARTY_ID** **DONATED_OR_RECEIVED_IND** **DATE_DONATED_RECEIVED** **BLOOD_TISSUE_ANATOMIC_TEXT** **BLOOD_TISSUE_ANATOMIC_CODE** DONATING_SITE RECEIVING_ORG_PARTY_ID FACILITY_PARTY_ID **ENTRY_USERID** **ENTRY_DATETIME** LAST_CHANGED_USERID LAST_CHANGED_DATETIME	NA	SURVWEB_PARTY_BLOOD_TISSUE_ID	Generate the SURVWEB_PARTY_BLOOD_TISSUE_ID
	NA	SURVWEB_PARTY_ID	Set SURVWEB_PARTY_ID to SURVWEB_PARTY_ID
	Donated / Received (D / R)	DONATED_OR_RECEIVED_IND	Set DONATED_OR_RECEIVED_IND to DONATED_OR_RECEIVED_IND
	Date	DATE_DONATED_RECEIVED	Set DATE_DONATED_RECEIVED to DATE_DONATED_RECEIVED
	Blood or Tissue Type	BLOOD_TISSUE_ANATOMIC_TEXT	Set BLOOD_TISSUE_ANATOMIC_TEXT to BLOOD_TISSUE_ANATOMIC_TEXT

Risk Factors: Donated or Received Blood or Tissue

	Blood or Tissue Type	BLOOD_TISSUE_ANATOMIC_CODE	Set BLOOD_TISSUE_ANATOMIC_CODE to BLOOD_TISSUE_ANATOMIC_CODE
	Donating Site	DONATING SITE	Set DONATING SITE to DONATING SITE
	Receiving Organization	RECEIVING_ORG_PARTY_ID	Set RECEIVING_ORG_PARTY_ID to RECEIVING_ORG_PARTY_ID (Display Receiving Organization Name and Address)
	Healthcare Facility	FACILITY_PARTY_ID	Set FACILITY_PARTY_ID to FACILITY_PARTY_ID (Display Healthcare Facility Name and Address)
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = SYSDATE
	NA	ENTRY_USERID	Set ENTRY_USERID = userid
	NA	LAST_CHANGED_DATETIME	NULL
	NA	LAST_CHANGED_USERID	NULL

VIII. Notes

Notes will be saved to TABLE NAME with a note type of PARTY BLOOD TISSUE.

Table:	Field on Screen	Database column	
SURVWEB_PARTY_NOTE PK **SURVWEB_PARTY_NOTE_ID** FK1 **SURVWEB_PARTY_ID** **NARRATIVE_TEXT** **NOTE_TYPE** **ENTRY_DATETIME** **ENTRY_USERID**	NA	SURVWEB_PARTY_NOTE_ID	Generate a SURVWEB_PARTY_NOTE_ID
	NA	SURVWEB_PARTY_ID	Set SURVWEB PARTY_ID = the person's party id
	Note	NARRATIVE_TEXT	NARRATIVE_TEXT
	NA	NOTE_TYPE	Set NOTE_TYPE = PARTY BLOOD TISSUE (when entered from the BLOOD TISSUE node)
	NA	ENTRY_DATETIME	Set ENTRY_DATETIME = current date time
	NA	ENTRY_USERID	Set ENTRY_USERID = userid